

IN THE CLAIMS:

The claims are amended as follows:

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1. (Amended) A light diffusing plate comprising:
an unrecognizable structure which has an optical refractive power;
light transmitting spheres;
individual passing areas through which a collimated light incident from a side of the unrecognizable structure passes; and
a low-passing area other than said passing areas, which has relatively low light transmissivity compared with the passing areas;
wherein materials of said passing areas and low-passing area are applied simultaneously;
and
wherein said individual passing areas respectively correspond to said light transmitting spheres and are separated by said low-passing area, such that portions of said passing areas and a portion of said low-passing area are disposed past said spheres in a passing direction of the collimated light.

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2. (Amended) The light diffusing plate according to claim 1, wherein the light diffusing plate comprises a light transmitting support; and
a diffusing layer formed on said light transmitting support;
wherein said light transmitting spheres are fixed to the light transmitting support with a light absorptive binder which constitutes a portion of said low-passing area.

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3. (Amended) A light diffusing plate, comprising:
a light transmitting support;
a diffusing layer having light transmitting spheres; and
a light-sensitive thermal developable material layer which is formed between said light transmitting support and the diffusing layer;
wherein said light-sensitive thermal developable material layer contains a light-sensitive thermal developable material which has colorless areas; and
wherein said light-sensitive thermal developable material has colored areas formed by being heated after nearly collimated light is incident from said diffusing layer side.

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4. (Amended) A light diffusing plate comprising:
a light transmitting support;
a diffusing layer having light transmitting spheres; and

a thermal ablative layer formed between said light transmitting support and the diffusing layer;

wherein the thermal ablative layer contains a light absorptive thermal ablative material;

wherein said thermal ablative material has an area which is illuminated by a nearly collimated light incident from a side of said diffusing layer and is removed by thermal energy by means of the nearly collimated light; and

wherein said removed area corresponds to said light transmitting spheres and is separated by non-removed areas of said thermal ablative material, such that a portion of said removed area and portions of said non-removed areas are disposed past said spheres in a direction of the collimated light.

5. (Amended) A light diffusing plate comprising:

a light transmitting support;

a diffusing layer containing light transmitting spheres; and

a contacting material which contacts said light transmitting spheres;

wherein said contacting material contains a light-sensitive material which has a colorless exposed area and a light absorptive material; and

wherein said light-sensitive material also has colored areas that are formed from being heated and developed after nearly collimated light is incident from a side of said diffusing layer.

6. (Amended) A light diffusing plate comprising:

a light transmitting support;

a diffusing layer containing light transmitting spheres;

a contacting material which contacts said light transmitting spheres and contains a light absorptive material; and

a light-sensitive material which has a colorless exposed area and is provided between said contacting material and said light transmitting support;

wherein said light-sensitive material also has colored areas that are formed from being heated and developed after nearly collimated light is incident from a side of said diffusing layer.

16. (Amended) A display apparatus comprising:

a liquid crystal display panel;

a backlight unit which forces a collimated light to be incident on said liquid crystal display panel; and

a light diffusing plate which is located in an opposite side of said backlight unit against said liquid crystal display panel;

wherein said light diffusing plate comprises an unrecognizable structure which has an optical refractive power, passing areas through which a collimated light incident from a side of

the unrecognizable structure passes, and a low-passing area other than said passing areas, which has relatively low light transmissivity compared with the passing areas; and

wherein materials of said passing areas and low-passing area are applied simultaneously; and

wherein said passing areas correspond to said structure having optical refractive power and are separated from each other by said low-passing area, such that portions of said passing areas and a portion of said low-passing area are disposed past said structure having optical refractive power in a passing direction of the collimated light.

17. (Amended) A display apparatus comprising:

a liquid crystal display panel;

a backlight unit which forces a collimated light to be incident on said liquid crystal display panel; and

a light diffusing plate which is located in an opposite side of said backlight unit against said liquid crystal display panel;

wherein said light diffusing plate comprises a light transmitting support, a diffusing layer having light transmitting spheres, and a light-sensitive thermal developable material layer which is formed between said light transmitting support and the diffusing layer;

wherein said light-sensitive thermal developable material layer contains a light-sensitive thermal developable material which has a colorless exposed area; and

wherein said light-sensitive thermal developable material has colored areas formed by being heated after nearly collimated light is incident from said diffusing layer side.

18. (Amended) A display apparatus comprising:

a liquid crystal display panel;

a backlight unit which forces a collimated light to be incident on said liquid crystal display panel; and

a light diffusing plate which is located in an opposite side of said backlight unit against said liquid crystal display panel;

wherein said light diffusing plate comprises a light transmitting support, a diffusing layer having light transmitting spheres, and a thermal ablative layer formed between said light transmitting support and the diffusing layer;

wherein the thermal ablative layer contains a light absorptive thermal ablative material;

wherein said thermal ablative material has an area which is illuminated by a nearly collimated light incident from a side of said diffusing layer and is removed by thermal energy by means of the nearly collimated light; and

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wherein said removed area corresponds to said light transmitting spheres and is separated by non-removed areas of said thermal ablative material, such that a portion of said removed area and portions of said non-removed areas are disposed past said spheres in a direction of the collimated light.

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19. (Amended) A display apparatus comprising:
- a liquid crystal display panel;
 - a backlight unit which forces a collimated light to be incident on said liquid crystal display panel; and
 - a light diffusing plate which is located in an opposite side of said backlight unit against said liquid crystal display panel;
- wherein said light diffusing plate comprises a light transmitting support, a diffusing layer containing light transmitting spheres, and a contacting material which contacts said light transmitting spheres;
- wherein said contacting material contains a light-sensitive material which has a colorless exposed area and a light absorptive material; and
- wherein said light-sensitive material also has colored areas that are formed from being heated and developed after nearly collimated light is incident from a side of said diffusing layer.

20. (Amended) A display apparatus comprising:

a liquid crystal display panel;

a backlight unit which forces a collimated light to be incident on said liquid crystal display panel; and

a light diffusing plate which is located in an opposite side of said backlight unit against said liquid crystal display panel;

wherein said light diffusing plate comprises a light transmitting support, a diffusing layer containing light transmitting spheres, a contacting material which contacts said light transmitting spheres and contains a light absorptive material, and a light-sensitive material which has a colorless exposed area and is provided between said contacting material and said light transmitting support; and

wherein said light-sensitive material also has colored areas that are formed from being heated and developed after nearly collimated light is incident from a side of said diffusing layer.

21. (Amended) An image display apparatus comprising:

an image display device having a matrix structure; and

a light diffusing plate comprising:

an unrecognizable structure which has an optical refractive power;

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individual passing areas through which a collimated light incident from a side of the unrecognizable structure passes; and

a low-passing area other than said passing areas, which has relatively low light transmissivity compared with the passing areas,

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wherein materials of said passing areas and low-passing area are applied simultaneously, wherein said light diffusing plate is provided on a viewing side of a display screen of said

image display device, and

wherein said passing areas correspond to said structure having optical refractive power and are separated from each other by said low-passing area, such that portions of said passing areas and a portion of said low-passing area are disposed past said structure having optical refractive power in a passing direction of the collimated light.

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23. (Amended) The image display apparatus according to claim 21, further comprising a preventing sheet which prevents extraneous light from being scattered;

wherein said preventing sheet is provided on the light diffusing plate which is provided on said viewing side of said display screen.

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26. (Amended) The image display apparatus according to claim 25, further comprising a preventing sheet which prevents extraneous light from being scattered;

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wherein said preventing sheet is provided on the light diffusing plate which is provided
on said viewing side of said display screen.

27. (Amended) The display apparatus according to claim 16, further comprising a preventing sheet which prevents extraneous light from being scattered;

wherein said preventing sheet is provided on the light diffusing plate which is provided on a viewing side of a display screen of said liquid crystal display panel.

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28. (Amended) The display apparatus according to claim 17, further comprising a preventing sheet which prevents extraneous light from being scattered;

wherein said preventing sheet is provided on the light diffusing plate which is provided on a viewing side of a display screen of said liquid crystal display panel.

29. (Amended) The display apparatus according to claim 18, further comprising a preventing sheet which prevents extraneous light from being scattered;

wherein said preventing sheet is provided on the light diffusing plate which is provided on a viewing side of a display screen of said liquid crystal display panel.

30. (Amended) The display apparatus according to claim 19, further comprising a preventing sheet which prevents extraneous light from being scattered;

wherein said preventing sheet is provided on the light diffusing plate which is provided on a viewing side of a display screen of said liquid crystal display panel.

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31. (Amended) The display apparatus according to claim 20, further comprising a preventing sheet which prevents extraneous light from being scattered;

wherein said preventing sheet is provided on the light diffusing plate which is provided on a viewing side of a display screen of said liquid crystal display panel.
